

# Work Order ID 63327

October 27, 2010 2:24:28 PM

Page 1

Item ID: D350-607-043A

Accept

Setup Start

Revision ID:

Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Stop

Start Date: 10/27/10 Start Qty: 1.00

Cust Item ID:

Required Date: 10/29/10 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D350-607-1

A

100 ~~DSI 9473~~

RWC

0.00



DC

Document Control

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile & type labels per PPPD350-607-043A CHG001

8/10/10/02

P10 →  
HJ for BG 10-11-01  
(LABEL ONLY)

110

Pick Kit

0.00



Packaging

Packaging

Memo

0.00

10/10/08

120

Small Fab

0.00



Small Fab

Small Fab

Memo

0.00

Assemble as per Dwg D350-607  
Seal Support Gusset with Sikaflex -291  
Batch: M115114  
Exp Date: 2011/01

ES 10/10/01

Dart Aerospace Ltd

W/O: 63327

# WORK ORDER CHANGES

| DATE     | STEP | Perm. | PROCEDURE CHANGE   | By | Date     | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|----------|------|-------|--|----|----------|-----|-------------------------------------|--------------------------|
| 10/10/26 | #100 |       | ADD to leader box For 350-607-043 A only<br>DSZ 9473 Rev C | HA | 10.11.03 |     |                                     | S<br>10/10/26            |
|          |      |       |  |    |          |     |                                     |                          |

Part No: D350-607-043A PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                  |                                 |                |                           |  |                       |                          |
|------|------|----------------------------------|----------------------------------|---------------------------------|----------------|---------------------------|--|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action      Section B |                                 |                | Verification<br>Section C |  | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng             | Action Description<br>Chief Eng | Sign &<br>Date |                           |  |                       |                          |
|      |      |                                  |                                  |                                 |                |                           |  |                       |                          |
|      |      |                                  |                                  |                                 |                |                           |  |                       |                          |
|      |      |                                  |                                  |                                 |                |                           |  |                       |                          |

NOTE: Date & initial all entries

**Work Order ID 63327**

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Item ID: D350-607-043A

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10 Start Qty: 1.00

Cust Item ID:

Required Date: 10/29/10 Req'd Qty: 1.00

Customer:

Reference:

Run Start

Approvals: Process Plan: Date: Tooling: Date:

Stop

QC: Date: SPC (Y/N): Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

140

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

150

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control



S 10/1/10

X

10/10/2010

S 10/11/10

X

# Work Order ID 63327

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Item ID: D350-607-043A

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10 Start Qty: 1.00



Cust Item ID:

Required Date: 10/29/10 Req'd Qty: 1.00

Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

160

0.00



Packaging

Reo A

10/11/10

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-043A

Location: 22K

170

0.00



QC21- Final Inspection - Work Order Release

CR

10/11/10

QC

Memo

0.00

Quality Control

MF 10-11-2



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19

Work Order ID: 63327

Parent Item: D350-607-043A

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

D3953-11  
Gas Spring Spacer  
Manufactured No

110 Each 8.0000 1

10/10/29 sf

Location Loc Qty Loc Code

ST101 8  
52767 8

D3953-15  
Gas Spring Bracket  
Manufactured No

110 Each 14.0000 1

10/10/29 sf

Location Loc Qty Loc Code

ST101 14  
53437 14

D3953-17  
Gas Spring Spacer  
Manufactured No

110 Each 14.0000 1

10/10/29 sf

Location Loc Qty Loc Code

ST101 14  
57143 1  
59197 13

D3953-3  
Gas Spring Stud, Lid  
Manufactured No

110 Each 6.0000 1

10/10/29 sf

Location Loc Qty Loc Code

ST102 6  
59437 6

D3953-5  
Gas Spring Stud, Base  
Manufactured No

110 Each 15.0000 1

10/10/29 sf

Location Loc Qty Loc Code

ST101 15  
53758 15

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# Picklist Print

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9

Work Order ID: 63327



Parent Item: D350-607-043A



Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

D3953-9  
  
Gas Spring Washer

Manufactured No

110 Each

10.0000

2



10/10/29 SP

Location

Loc Qty

Loc Code

ST103

10

60008

10

D3969-1  
  
Spring (Basket Lid)

Manufactured No

110 Each

38.0000

1



2  
10/10/29 SP

Location

Loc Qty

Loc Code

ST272

38

52800

1

52889

25

53759

12

MS21043-3  
  
Nut

Purchased No

110 Each

2,506.000

4



4  
10/10/29 SP

Location

Loc Qty

Loc Code

FG

76

103691

76

ST301

2430

112314

2430

MS24665-2-12  
  
COTTER PIN

Purchased No

110 Each

89.0000

2



8  
10/10/29 SP

Location

Loc Qty

Loc Code

ST309

89

111499

89

2

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Page 4

Work Order ID: 63327

Parent Item: D350-607-043A

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0332R

Purchased

No

110

Each

4,105.000

4

4



Washer

Location

Loc Qty

Loc Code

ST297

4105

113524

10

113737

150

114341

26

115000

125

115698

78

115816

194

115832

3522

NAS1149C0432R

Purchased

No

110

Each

662.0000

2

2



Washer

Location

Loc Qty

Loc Code

ST297

662

114292

72

114742

590

D350-607-241

Manufactured

No

140

Each

2.0000

1

1



Basket Clamp Assembly

Location

Loc Qty

Loc Code

FG022

2

62871

2

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Page 4



# Picklist Print

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Work Order ID: 63327

Parent Item: D350-607-043A

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

D2022-101

Manufactured No

110 Each

57.0000

5

5



Spacer

Location

Loc Qty

Loc Code

ST504

57

50746

23

52325

10

61990

24

D2221

Manufactured No

110 Each

0.0000

1

1



350 Basket Base

D2258-200

Manufactured No

110 Each

9.0000

1

1



Placard 2001b

Location

Loc Qty

Loc Code

ST505

9

61760

9

D2530

Manufactured No

110 Each

8.0000

1

1



Handle Weldment

Location

Loc Qty

Loc Code

ST506

8

61224

8

D2535

Manufactured No

110 Each

64.0000

2

2



Spring

Location

Loc Qty

Loc Code

ST504

64

58331

64

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# Picklist Print

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9

Work Order ID: 63327

Parent Item: D350-607-043A

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

D2537

Manufactured No

110

Each

46.0000

2

2



Bushing

Location

Loc Qty

Loc Code

ST504

46

59122

4

59423

12

62393

30

2

D2931

Manufactured No

110

Each

776.0000

2

2



Bumper

Location

Loc Qty

Loc Code

ST504

776

46064

776

2

D2989-041

Manufactured No

110

Each

0.0000

1

1



Basket Lid Assembly

B62894 (12)

D2989-043

Manufactured No

110

Each

0.0000

1

1



Basket Lid Assembly

B62895 (12)

AN3-16A

Purchased No

110

Each

90.0000

2

2



Bolt

Location

Loc Qty

Loc Code

ST352

90

114752

90

2

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# Picklist Print

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9

Work Order ID: 63327



Parent Item: D350-607-043A



Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

AN4-13A

Purchased

No

110

Each

502.0000

2

2



Bolt

Location

Loc Qty

Loc Code

ST357

300

115936

300

ST358

202

115159

202

10/10/2010

AN4-22A

Purchased

No

110

Each

183.0000

5

5



Bolt

Location

Loc Qty

Loc Code

ST359

183

111965

2

114523

81

114784

100

10/10/2010

AN5-17A

Purchased

No

110

Each

74.0000

4

4



Bolt

Location

Loc Qty

Loc Code

ST339

74

114784

34

115594

40

4

MS20600-AD4W3

Purchased

No

110

Each

1,497.000

2

2



Cherry Rivets

Location

Loc Qty

Loc Code

ST321

1497

107939

758

111636

739

10/10/2010

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# Picklist Print

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9

Work Order ID: 63327



Parent Item: D350-607-043A



Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

AN960JD416 NAS1149D0463J Purchased No

110 Each 24.0000 14 14



Washer



M115622 10/10/2010

Location

Loc Qty

Loc Code

ST300

24

113288

24

AN960JD516 NAS1149D0563J Purchased No

110 Each 34.0000 4 4



Washer



M114742 10/10/2010

Location

Loc Qty

Loc Code

ST

34

103694

18

107534

12

109287

4

AN960JD8 NAS1149DN832 J Purchased No

110 Each 10.0000 2 2



Washer



M115996 10/10/2010

Location

Loc Qty

Loc Code

ST347

10

105059

10

NAS1515H4 Purchased No

110 Each 91.0000 2 2



Washer



10/10/2010

Location

Loc Qty

Loc Code

ST277

91

111294

5

111525

86

2

# Picklist Print

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Work Order ID: 63327

Parent Item: D350-607-043A

Parent Item Name: Heli-Utility-Basket (Automatic Lid Opener)

Start Date: 10/27/10

Required Date: 10/29/10

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

2,069.000

2



Nut

Location

Loc Qty

Loc Code

ST300

2069

114784

1069

115835

1000

MS21042L4

Purchased

No

110

Each

3,110.000

7



Nut

Location

Loc Qty

Loc Code

ST300

3110

113422

56

114523

8

114784

32

115108

14

115589

1900

115621

1100

MS21042L5

Purchased

No

110

Each

787.0000

4



Nut

Location

Loc Qty

Loc Code

ST139

26

114813

26

ST300

761

115156

261

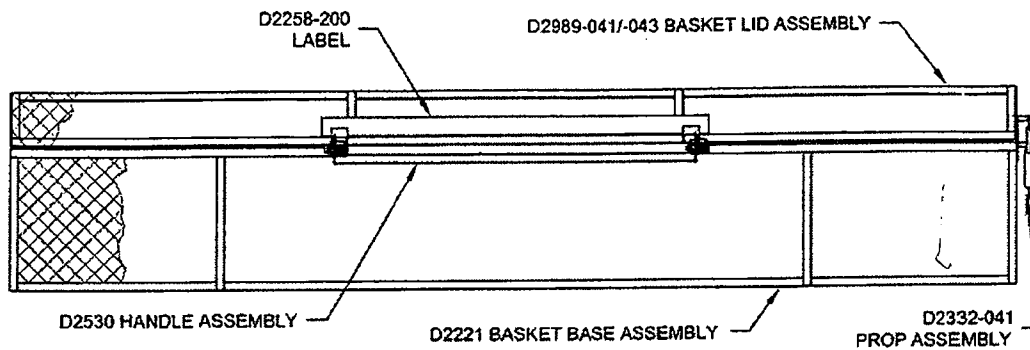
115594

500

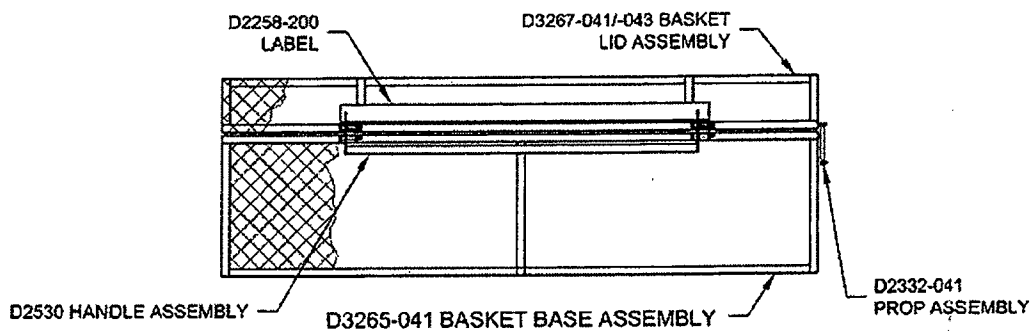
October 27, 2010 2:24:27 PM

Shop Packet Print

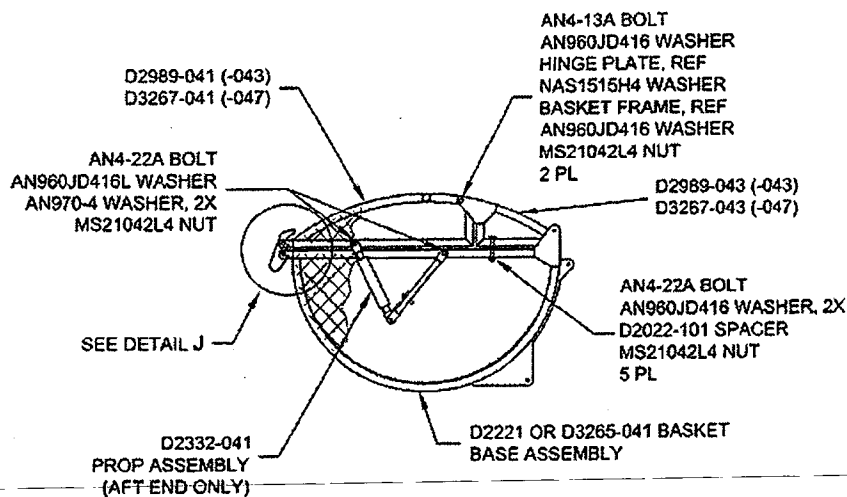
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**D350-607-043 HELI-UTILITY- BASKET™**



**D350-607-047 HELI-UTILITY- BASKET™**

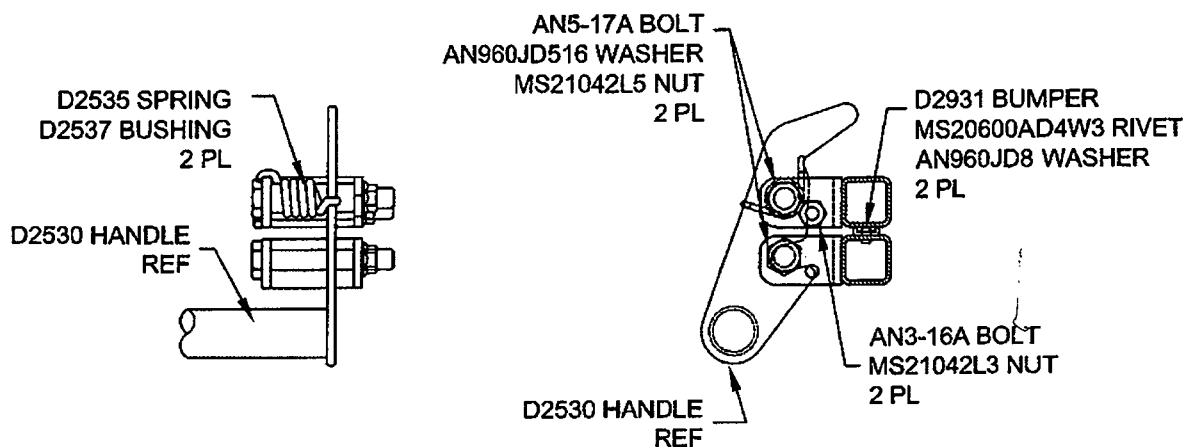


**VIEW C-C  
PROP ARM DETAIL**

**FIGURE 25-5 - D350-607-043/-047 HELI-UTILITY BASKET™**  
(LH Installation Shown, RH Opposite)

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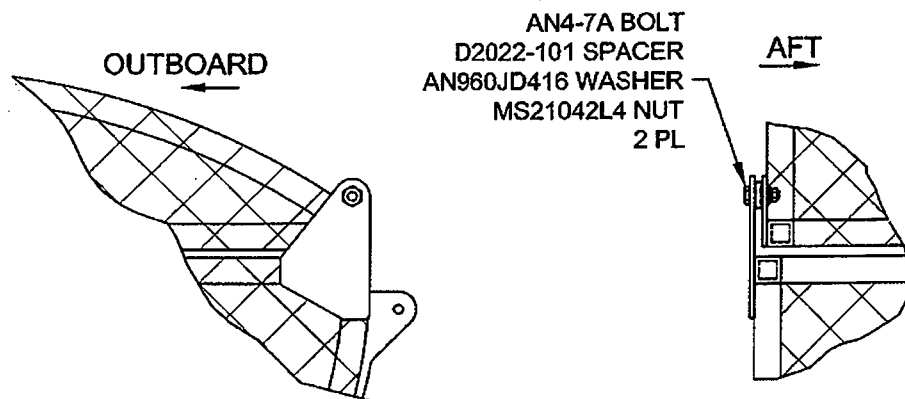
**25-00-00**



SPRING DETAIL

LATCH DETAIL

DETAIL J:  
HANDLE WELDMENT



HINGE DETAIL  
END VIEW, LOOKING AFT  
OTHER END OPPOSITE

HINGE DETAIL  
SIDE VIEW, LOOKING OUTBOARD.  
OTHER END OPPOSITE

DETAIL H:  
HINGE

FIGURE 25-6 - D350-607-041/-041A/-043/-043A/-045/-045A/-047/-047A HELI-UTILITY BASKET™  
HINGE AND HANDLE DETAILS

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25-00-00

# DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-607 REV. F OR SUBSEQUENT APPROVED REVISION

REF CANADIAN STC: SH94-14

FAA STC: SR00213NY

EASA STC: EASA.IM.R.S.01405

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI), IS TO PROVIDE OPERATORS OF AS350 / 355 ROTORCRAFT EQUIPPED WITH DART D350-607-041 HELI UTILITY BASKETS WITH AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 2 GAS SPRINGS.

FOR OPERATORS EQUIPPED WITH D350-607-043/-045/-047 HELI UTILITY BASKETS THIS DSI WILL PROVIDE AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 1 GAS SPRING.

| ITEM No. | QTY -141 | QTY -143 | QTY -145 | PART NUMBER   | DESCRIPTION   |
|----------|----------|----------|----------|---------------|---|
| 1        | X        |          |          | D350-607-141  | AUTOMATIC LID OPENER INSTL (FOR USE ON -041 BASKET*)      |
| 2        |          | X        |          | D350-607-143  | AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET*) |
| 3        |          |          | X        | D350-607-145  | AUTOMATIC LID OPENER INSTL (FOR USE ON -045 BASKET*)      |
| 4        | 2        |          | 1        | D3953-1       | GAS SPRING BRACKET  |
| 5        | 2        | 1        | 1        | D3953-3       | GAS SPRING STUD (LID)                                     |
| 6        | 2        | 1        | 1        | D3953-5       | GAS SPRING STUD (BASE)                                    |
| 7        | 2        | 1        | 1        | D3953-7       | GAS SPRING SPACER   |
| 8        | 4        | 2        | 2        | D3953-9       | GAS SPRING WASHER   |
| 9        | 2        | 1        | 1        | D3953-11      | GAS SPRING SPACER   |
| 10       | 2        |          | 1        | D3953-13      | GAS SPRING SPACER   |
| 11       |          | 1        |          | D3953-15      | GAS SPRING BRACKET  |
| 12       |          | 1        |          | D3953-17      | GAS SPRING SPACER   |
| 13       | 2        | 1        | 1        | D3969-1       | GAS SPRING  |
| 14       | 4        | 2        | 2        | AN3C11A       | BOLT  |
| 15       |          | 2        |          | AN3C15A       | BOLT  |
| 18       | 4        |          | 2        | AN3C16A       | BOLT  |
| 19       | 4        | 2        | 2        | AN310-4       | CASTELLATED NUT   |
| 20       | 8        | 4        | 4        | MS21043-3     | NUT   |
| 21       | 4        | 2        | 2        | MS24665-212   | COTTER PIN  |
| 22       | 8        | 4        | 4        | NAS1149C0332R | WASHER (OR AN960C10L)                                     |
| 23       | 4        | 2        | 2        | NAS1149C0432R | WASHER (OR AN960C416L)                                    |

**\*NOTE:** FOR CUSTOMERS WISHING TO ORDER NEW BASKETS WITH THE LID OPENER PRE-INSTALLED USE THE FOLLOWING NUMBERS:

D350-607-041 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-041A  
D350-607-043 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-043A  
D350-607-045 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-045A  
D350-607-047 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-047A



**REFERENCE ONLY**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.11.11  
CERT. NO.: SH94-14  
ISSUE NO.: 4

| C          | SHEET 1 PL, -143 INSTL, ITEM 6 QTY WAS 2, ITEM 7 WAS 0.   | AJS  | 09.11.11     |
|------------|---|--|--------------|
| B          | SHT 1 P/L ITEM 22 WAS NAS1149C0332 ITEM 23 WAS NAS1149C0432H. ALL OTHER SHEETS UPDATED ACCORDINGLY. (REASON: DRAFTING ERROR) INSTALLATIONS RENAMED. | AJS  | 09.11.06     |
| A          | NEW ISSUE   | AJS  | 09.09.15     |
| REV.       | DESCRIPTION   | BY   | DATE         |
| DESIGN     | AJS   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | AJS   |  |              |
| CHECKED    |    | DRAWING NO.  | REV. C       |
| MFG. APPR. | N/A   | DSI 9473   | SHEET 1 OF 8 |
| APPROVED   |    | TITLE  | SCALE        |
| DE APPR.   |   | AUTOMATIC LID OPENER INSTL   | NTS          |
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FOR D350-607-041 BASKETS, REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-141 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** ONCE THIS MODIFICATION IS COMPLETE YOU WILL NOT BE ABLE TO RE-INSTALL THE D2332-041 PROP ARM.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON BOTH ENDS OF THE BASKET AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
- 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

**NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.

**NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.

- 7) REPEAT STEPS 2 THROUGH 6 AT THE OTHER END OF THE BASKET.
- 8) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRINGS SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.




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FOR D350-607-043/047 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-143 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 2 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-15 GAS SPRING BRACKET AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL C. INSTALL THE D3953-15 GAS SPRING BRACKET & D3953-17 GAS SPRING SPACER USING 2X AN3C15A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW G-G.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL D. INSTALL 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW H-H. INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW H-H. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 5) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-15 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING STUD AS SHOWN IN VIEW G-G. RAISE THE BASKET LID AND INSTALL THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW G-G. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

**NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.

**NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.

- 6) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.




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FOR D350-607-045 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

### **D350-607-145 AUTOMATIC LID OPENER INSTALLATION**

**NOTE:** THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
  - 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
  - 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
  - 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
  - 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
  - 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- NOTE:** THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A  $\frac{9}{16}$  OPEN END SPANNER / WRENCH.
- NOTE:** WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.
- 7) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.




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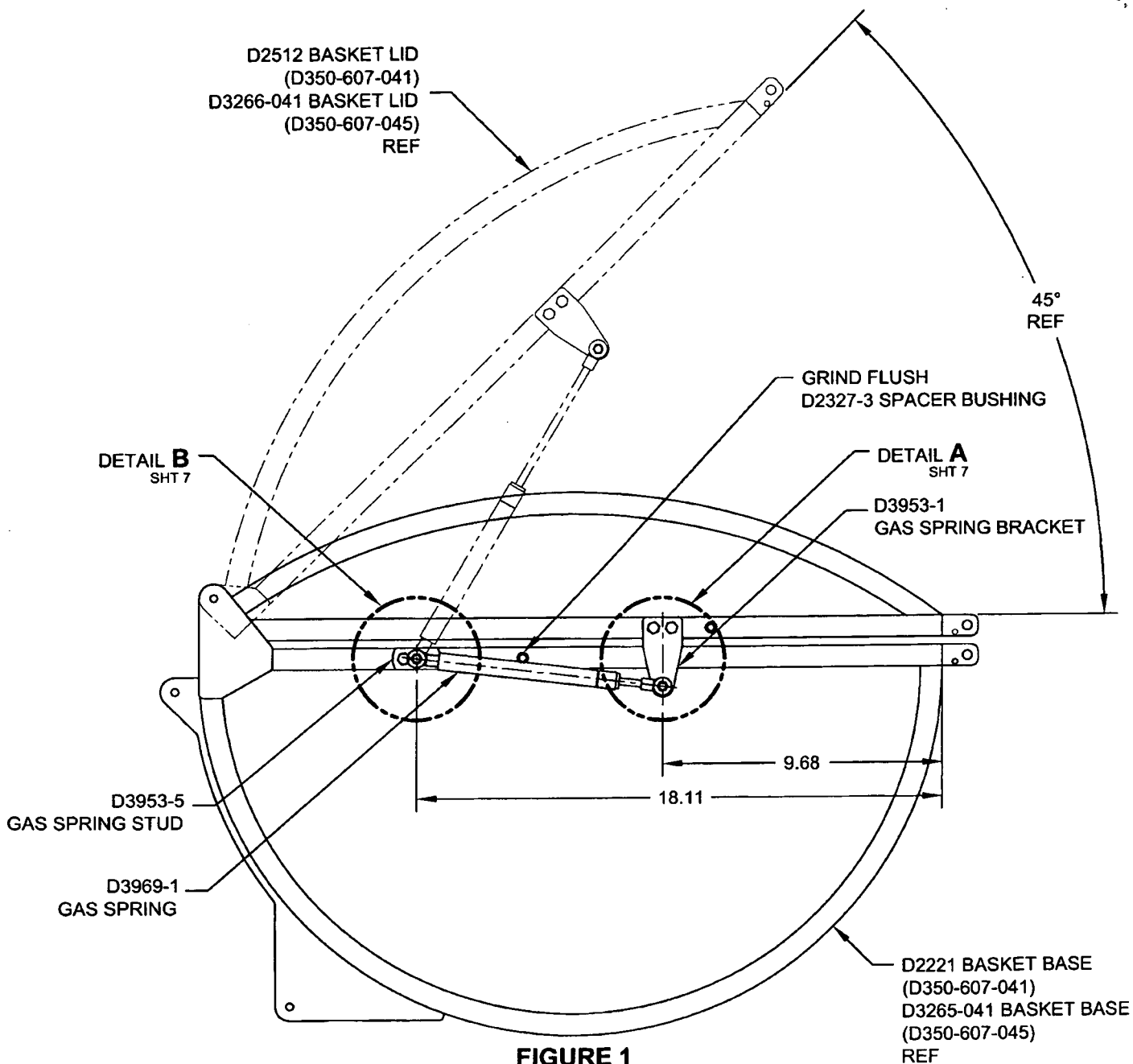
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**FIGURE 1**

**D350-607-141 AUTOMATIC LID OPENER INSTALLATION**  
(BOTH ENDS)

**D350-607-145 AUTOMATIC LID OPENER INSTALLATION**  
(1 END ONLY)

**REFERENCE ONLY**

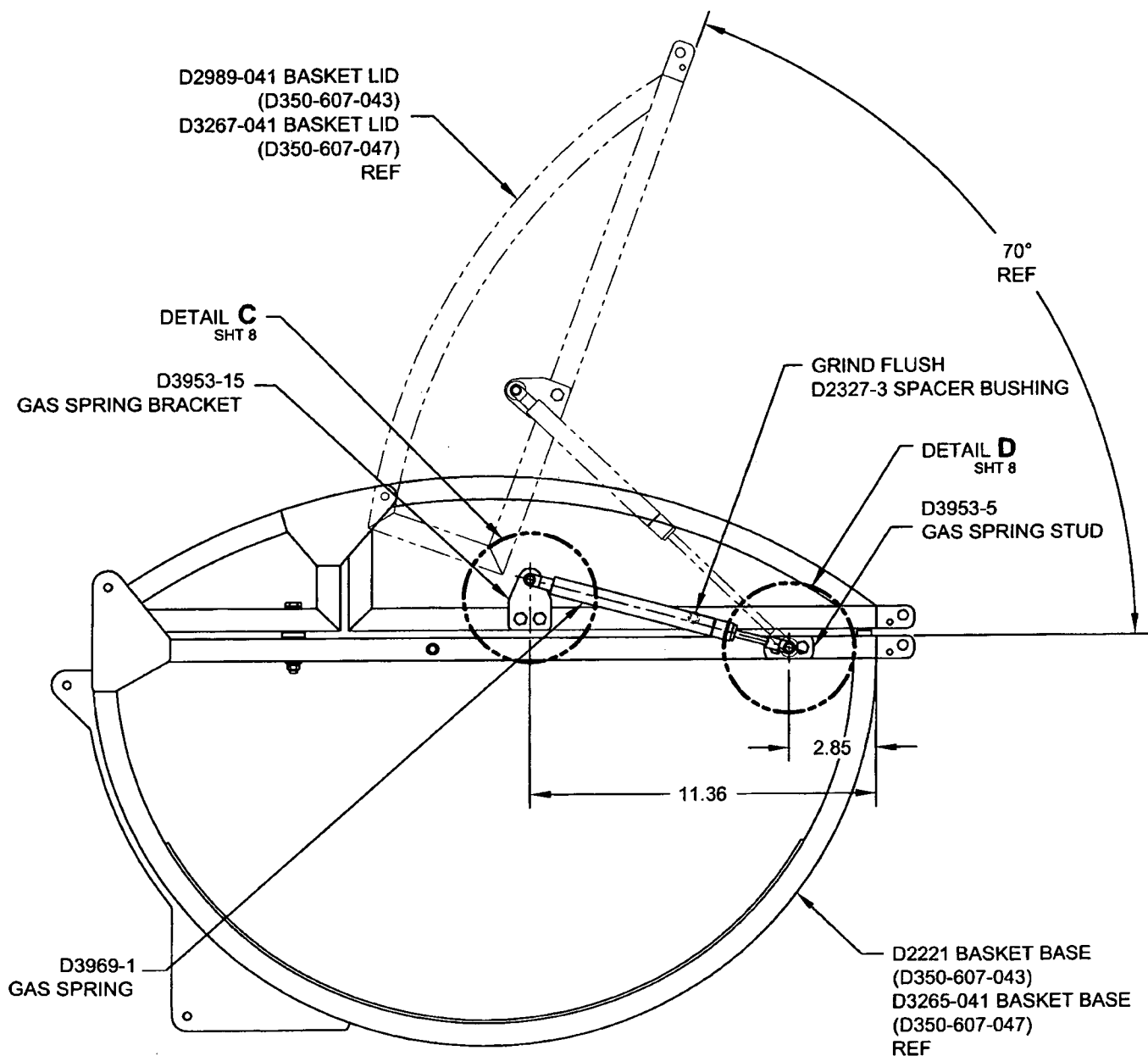
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**FIGURE 2**  
**D350-607-143 AUTOMATIC LID OPENER INSTALLATION**  
 (1 END ONLY)




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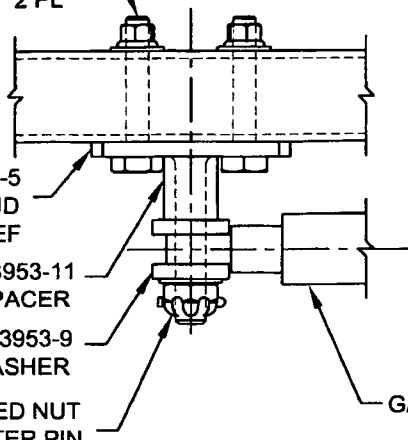
AN3C11A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

D3953-5  
GAS SPRING STUD  
REF

D3953-11  
GAS SPRING SPACER

D3953-9  
GAS SPRING WASHER

AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER



**VIEW F-F**

AN3C16A BOLT  
NAS1149C0332R WASHER  
MS21043-3 NUT  
2 PL

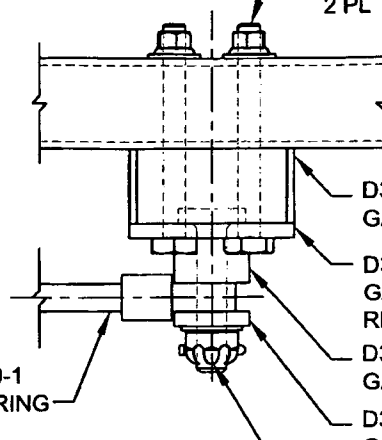
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D3953-1  
GAS SPRING BRACKET  
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D3953-7  
GAS SPRING SPACER

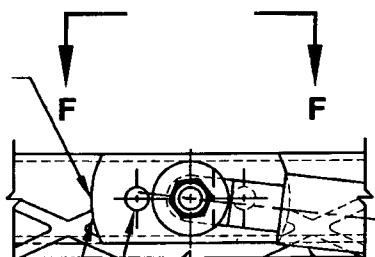
D3953-9  
GAS SPRING WASHER

D3953-3 GAS SPRING STUD  
AN310-4 CASTELLATED NUT  
MS24665-212 COTTER PIN  
NAS1149C0432R WASHER



**VIEW E-E**

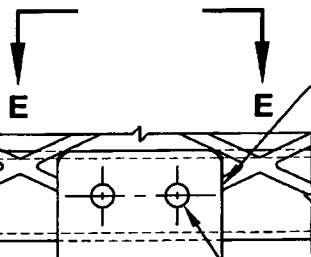
D3953-5  
GAS SPRING STUD  
REF



TRIM MESH LOCALLY  
AS REQUIRED

TRANSFER MARK AND  
DRILL Ø0.194 THRU  
2 PL

**DETAIL B**



TRIM MESH LOCALLY  
AS REQUIRED

TRANSFER MARK AND  
DRILL Ø0.194 THRU

D3953-1  
GAS SPRING BRACKET  
REF

**DETAIL A**

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